

Patent 5779.

British Manufacture.

The

ADALL

Calculator

Perfectly
Constructed.

Thousands
in use.

Price each.



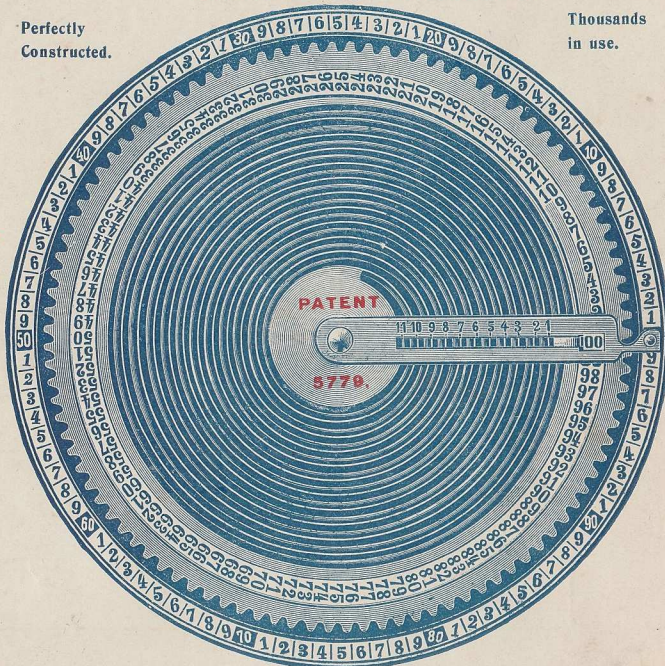
THE ADALL CO.,

Temple Courts,

Temple Row,

BIRMINGHAM.

England.



THE ONLY PRACTICAL CALCULATOR ON THE MARKET.

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WE HAVE NO NEED TO EXAGGERATE.
THE PLAIN TRUTH IS SUFFICIENT.

The Importance of Labour and Brain Saving Devices

Has never been so much felt until the dawn of this century- when inventors have vied with one another in achieving *Scientific Short-cuts*, and, no doubt, in after years this 20th century, which has brought to the world so many wonderful inventions, will be known as the one in which the greatest number of time-saving appliances were produced.

Chief amongst these is the “**ADALL**” **Adding-up Machine**, to which we particularly wish to draw your attention.

Everyone needs it, whether their occupation be *Business, Private or Professional*.

It stands alone for **five** very important qualities:

CHEAPNESS. ACCURACY. DURABILITY. SIMPLICITY.
——— **AND FOR TIME AND BRAIN SAVING.** ———

The “**ADALL**” is used principally for *adding and subtracting English and Foreign Monies and Weights and Measures, and other calculations*.

The reckoning is done mechanically—in the quickest, most accurate, and most direct way.

The construction of the calculator is very simple: it is made of a hollowed-out ribbed case, in which lies a notched spiral disc. Laid across this is a small plate in which an indicator moves automatically. By moving the disc from a named number you are operating.

Before each operation the machine must be at **00**. The carrying over of tens, etc., is done automatically. The result is at once seen, and mistakes are impossible. The Calculator is made of very light metal, is everlasting, and will be found invaluable, and saves its cost the very first week of use.

If you will follow carefully the simple directions given on the next pages, this remarkable little machine will save its cost to you in the first week of its use.



The “ADALL” CALCULATOR.

INSTRUCTIONS FOR USE.

INSERT your left thumb in the ring at the back and steady the calculator with your fingers. The machine is set when the figures **00** show in the square, and the indicator is pushed to the extreme right.

To set the machine, take the enclosed peg, insert it in the notch at the red dot, and run round the disc from right to left till the **00** shows in the square. Slightly raise the indicator and shift it to the extreme right of the sliding bar.

Now for ADDITION.

You can add pence, shillings, and pounds, as per the following example:—

£3265	14	11
8536	19	9
527004	19	11
70359	10	7
251475	12	2
<hr/>		
£860642	17	4
<hr/>		

First take the pence; and, the machine being set as described, begin to add by inserting the peg in the notch beside the figure 2 on the outside plate and draw the 2 into the square. Take the next numbers in rotation—7, 11, 9 and 11, and when you have drawn these to the square it will mark 40. Forty pence are three and fourpence. Put down the four, carry forward the three shillings by moving the disc until it shows 03 in the little square, shift the indicator again to the extreme right and start off with the shillings column.

Your square stands at 03, insert the peg in the 12, 10, 19, 19 and 14 and in a moment you will have arrived at the shillings total—77; put down 17 and carry forward £3 by moving the inner disc until it shows 03 in the little square. Shift the indicator again to the right and begin to add up the pounds. In doing this take two figures at a time as before—75, 59, 04, 36 and 65. The machine will now register in the little square the numbers 42, and these are to be set down. Now look to your indicator and it will be seen to stand at 2—this is the hundreds' figure which must of course be brought forward into the little square. Move the indicator again to the extreme right and begin with the second double row of figures, 14, 03, 70, 85 and 32. The total is 206: put down 06, carry forward the 2 hundreds as before. Move back the indicator, add up the last column which comes to 86, and this, when set down, gives you the correct result.

The machine cannot err, and after a few minutes' practice you will be able to add the longest and most intricate money columns with an ease and speed that will surprise you.

For SUBTRACTION—

Example No. 1:

£6849	14	10
2513	11	8
<hr/>		
£4336	3	2
<hr/>		

First set the machine as already described. Now, to subtract the pence, insert the peg at 10 on the inside disc and move to 8 of the outside numbers—the little square will show 2—set it down.

Re-set the machine and proceed to subtract the shillings. Insert the peg at 14 on the inside disc and move to 11 on outside disc—result 3—to be written down.

Re-set the machine and subtract the pounds. Insert peg at 49 on inside disc and move to 13 on outside, result 36. Again set the machine, insert peg at 68 on inside disc and move to 25 on outside, result 43. Therefore the answer reads: £4336 3 2.

Example No. 2:	£8615	4	4
	3240	19	7
	<hr/>		
	£5374	4	9
	<hr/>		

This example is worked by the same process as No. 1, but in this instance you have to borrow 1/- to be converted to 12 pence, and also £1 to be converted to 20 shillings.

First subtract the pence—borrow 1/-, add to the 4d. Insert the peg into 16 on the inner disc and turn to 7 on the outside—result 9d. Set the machine and pay back your borrowed shilling, adding it to the 19 to make 20. Borrow £1 and add it to the 4, making 24. Insert peg at 24 on inner disc and turn to 20 on outside—result 4/-. Set the machine, now pay back the pound you have borrowed, adding it to the 40—and making 41. To subtract the 41 from the 15 you must borrow 100 by taking 1 from the 86, insert the peg at 15 on inner disc and revolve from left to right until you reach 41 on the outside disc—result 74. Re-set the machine, pay back the 100 you borrowed by adding 1 to the 2—making 3. Insert peg at 86 on inside disc, move to 33 on outside—result 53. Total result £5374 4 9.

Some of its Users.

His Majesty's ROYAL ARSENAL, WOOLWICH.

„ BOARD OF EDUCATION, LONDON.

„ FOREIGN OFFICE.

Vickers, Sons & Maxim, Ltd., London.
Municipal Technical Institute, Belfast.
Salford Corporation Tramways, Salford.
Government Survey Department, Egypt.
Harrod's Stores, Ltd., London.
Borough of East Ham.

„ Accountant, Nottingham.
„ „ Bacup.
„ „ Hampstead.
„ „ Kidderminster.
„ „ Luton.
„ „ Loughborough.
„ „ Middlesbrough.
„ Treasurer, Woolwich.
„ „ Chelsea.
„ „ Hyde.
„ „ Devonport.
„ „ Boomin.
„ „ Chipping Norton.
„ Engineer, Southwark.
„ „ Exeter.
„ „ East Ham.
„ „ St. Helens.
„ „ Dartmouth.
„ „ Bournemouth.
„ „ Accrington.
„ „ Bury.

Town Clerk, Rochester.

Town Clerk, Llandrindod Wells.

„ „ Southport.

„ „ Rye.

Marconi Wireless Telegraph Co., Crookhaven.

Sir W. G. Armstrong Whitworth, Newcastle.

Spiers & Pond, Ltd., London.

Great Western Railway, London.

Gloucester Wagon Co., Gloucester.

Grosvenor Electric Co., London.

Bristol Distillery Co., Bristol.

C. Tedman, Lonawla (India).

Drey, Simpson & Co., Ltd., Tourcoing (France).

A. D. Marrogordo, Ltd., Florence (Italy).

The Daimler Motor Co., Ltd., Coventry,

National Provincial Plate Glass Insurance Co., Ltd.,
London.

The Manifold Printing Co., Ltd., West Bromwich.

The Central Insurance Co., Ltd., London.

Electrical Power Storage Co., Ltd., London.

Ridley, Powell & Co., Constantinople.

C. B. Bragg & Co., Birmingham.

J. Ashcroft & Co., Lichfield.

Perry & Co., Ltd., Birmingham.

The Law Debenture Corporation, Ltd., London.

Loco Superintendent, Midland Railway Co., Derby.

William Hall, Alma Works, Sheffield.

Samuel Smith & Sons, Ltd., Smethwick.

Britannic Assurance Co., Ltd., Birmingham.

Etc., etc., etc.

A few Testimonials.

"I find your Calculator extremely simple and accurate."

"I am thoroughly satisfied with it."

"I am more than pleased with it and would like *two more*"

"I find it very useful."

"I am very pleased with the "**Adall**," it is excellent."

"Your machine is giving every satisfaction."

"It is a very nice, simple and useful little machine."

"One of the most useful inventions I have seen."

Can such Testimony be disputed?



WHAT THE PRESS SAY.

London Daily Mail.

BRAIN v. MACHINE.

"How many hundreds of pounds were lost last year through careless addition? The answer would not be in hundreds at all; as a matter of fact, it would be thousands. In ninety-nine cases out of a hundred these losses, moreover, were not incurred through dishonesty on the part of employees or carelessness on the part of the worker. They were incurred because the human brain is not an infallible calculating machine. The cashier of a big trading firm cannot live for ever. Towards evening, after a hard day's work, he will cast and re-cast his long rows of figures, and as often as not his result will differ each time. It is not through any fault of his. It is simply that beyond a certain point the human brain will not go. But, fortunately, there is a remedy for this man, and for thousands of others who suffer in the same way. What the brain cannot do a machine has been found to accomplish. It is called the "**Adall**." Differing from the human calculator, the "**Adall**" has no time limit of endurance, and can go on for ever."

More Press Opinions.

London Daily News.

"One of the most interesting inventions we have seen is the "Adall" Calculator a little machine which can reckon mechanically and quickly, without mental effort. Anyone can learn the handling of it at once."



Daily Mirror.

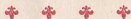
"Sums lose their terrors."

"To be a lightning calculator every schoolboy and business man would sacrifice many pleasures. The use of the wonderful "Adall" machine, which costs only half a guinea, is itself a pleasure, and it will add, subtract, and calculate with wonderful and bewildering celerity."



The Express and Independent.

"If it does not perform a revolution it should, at any rate, excite the praise and the admiration of all business people. It is a wonder, and the price is so reasonable."



The Machinery Market.

"A very practical and cheap little calculator—should soon save its cost."

More Press Opinions.

The Planet.

"One of the most ingenious, and at the same time practical, articles for office work has just been put on the market. It is the "Adall" Calculator. These wonderful little machines calculate with unerring accuracy additions of every description, to any amount and have no limit, and will be found to be of the greatest use in every office and home. They save time as well as mental strain, and the advantage which these machines have over others is that they are so very easily worked. They are packed in very handsome cases and accomplish, for the price of 10/6, the work of the most expensive machine in the calculating line."



Monthly Circular of the London Association of Accountants.

"Persons who have to add long columns of figures will welcome the "Adall" Calculator to save the resultant brain fag of long additions; it is an ingenious little machine, quite simple in construction. The machine can be seen at the Association's offices."



Public Health.

"We have tested it in a few instances, and find it accomplishes all it promises; most useful in checking results, and will save much time and brain wear."

Our Last Word.

Although we have only shown examples in this booklet of additions and subtractions of English Monies, when thoroughly acquainted with the machine one is able also to use it for weights and measures and foreign monies.

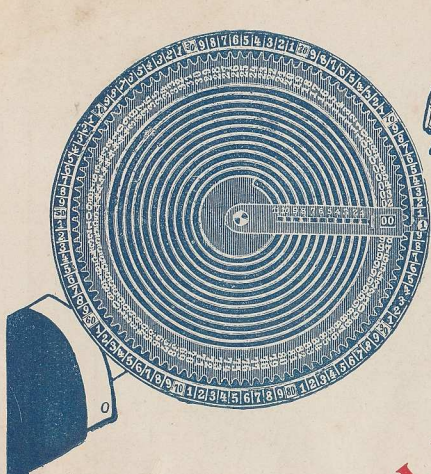
THE ADALL CO.,

Temple Courts, Temple Row,
BIRMINGHAM. _____

Our Guarantee.

We warrant all our machines to be of good materials and workmanship, and we will furnish and fit free at any time within six months from the date of purchase, any part that may wear out or break if not caused by neglect or misuse. When machines need to be sent for repair under this guarantee, postage must be paid by the owner.

*Be not the last by whom the new is tried,
Nor yet the first to cast the old aside!*



The
ADALL CALCULATOR
is something of
use—not a
toy.